

PATENT

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ABSTRACT OF THE DISCLOSURE

A waveguide of the present invention comprises a waveguide main body made of a material selected from a boron nitride or an aluminum oxide, and a thin film made of a titanium nitride to cover an outer peripheral surface of the waveguide main body. The waveguide of the present invention can efficiently guide an electromagnetic wave such as a microwave, and has high physical and chemical durability.

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